

1<sup>st</sup> PASE Science Meeting  
February 21 & 22, 2008  
EOL Atrium, Foothills Lab 1, NCAR, Boulder

## Agenda

### Thursday, 21 February, 2008

8:00 Meet over Coffee & Tea

#### *Logistics*

8:30 Welcome & Meeting Logistics  
Bob Rilling, NCAR EOL

8:40 Data Archive  
Bob Rilling, NCAR

8:50 Overview, & Possible Future Investigations  
Alan Bandy, Drexel University

#### *Scientific Overview*

9:10 State of the Global Sulfur Cycle  
Ian Faloon, UC Davis

9:35 Aerosols in the MBL  
Steve Howell, U of Hawaii

#### *PASE Data Reports:*

#### *Meteorological Setting*

10:00 RAF Measurements  
Alan Schanot, NCAR

10:20 Dynamic Controls on MBL structure & precipitation  
John Merrill, U of Rhode Island

10:40 MBL Dynamics  
Don Lenschow, NCAR

11:00 Short Break

### Photochemical Environment

- 11:20 OH, H<sub>2</sub>SO<sub>4</sub>, MSA  
Lee Maulden, NCAR
- 11:40 RO<sub>x</sub>  
Rebecca Anderson, NCAR
- 12:00 H<sub>2</sub>O<sub>2</sub> and organic peroxides  
Amy Higbie/Dan O'Sullivan, URI
- 12:20 Lunch

### Sulfur Chemistry

- 1:30 Sulfur Gases  
Alan Bandy (for Byron Blomquist, University of Hawaii)
- 1:50 Entrainment & SO<sub>2</sub> Dry Deposition  
Steve Conley, UC Davis
- 2:10 Modeling the sulfur photochemistry in PASE  
Burton Grey/Yuhang Wang, Georgia Tech
- 2:30 Group Discussion – courses of action on S photochemistry?
- 2:50 Short Break

### Aerosols

- 3:10 Aerosol Bulk Composition  
Becca Simpson, University of Hawaii
- 3:30 Aerosol Budgets & Profiles  
Steve Howell (Clarke hat), University of Hawaii
- 3:50 CCN & their chemical composition  
Jim Hudson, Desert Research Institute  
Alan Bandy, Drexel University
- 4:20 Aerosol Size & Composition  
Steve Howell, University of Hawaii
- 4:40 Group Discussion: Outstanding science questions; data rectifications; Areas of investigation
- 5:30 Break for the day
- 5:30-6:45 Informal Reception at NCAR

## Friday, 22 February, 2008

8:00 Welcome Back Coffee/Tea

8:30 Group Discussion: Possible Case Studies, Focus Flights

9:00 Group Discussion: Format & Topics of Breakouts

I.) Sulfur Budgets & Mesoscale Meteorology

II.) Photochemistry & Aerosols

11:00 Group Reconvene:

Outstanding Data Issues

Manuscript Efforts Listed

Optional Afternoon Meetings Among Subgroups

12:30 Final Break

1:30 Subgroup breakout sessions: